

CLAIMS:

1. A shopping trolley which includes:
a holder for holding articles of shopping; and
a wheeled undercarriage connected to the holder, the undercarriage being operable between an erected condition, in which the undercarriage supports the holder at a working height above the ground on wheels, and a collapsed compact condition, for loading of the trolley into a boot of a passenger sedan.
2. A shopping trolley as claimed in claim 1, which is supportable on a floor of a vehicle boot, when the undercarriage is in its collapsed condition, such that the holder has an orientation relative to the vertical similar to the orientation of the holder when the undercarriage is in its extended condition and supports the holder on the ground, so that the holder provides a boot organiser.
3. A shopping trolley as claimed in claim 1 or claim 2, in which the spacing of the holder from the ground surface, when the undercarriage is in its erected condition, is such that the holder is accessible to a person of average height in normal stance, the spacing being greater than 0,4 m.
4. A shopping trolley as claimed in claim 3, in which the spacing of the holder from the ground surface, when the undercarriage is in its erected condition, is 0,45 - 0,6 m.
5. A shopping trolley as claimed in any one of the preceding claims, in which the holder defines a storage space which is divided into a number of compartments.
6. A shopping trolley as claimed in claim 5, which includes a number of durable shopping bags which are receivable in the storage space of the holder, the bags forming a permanent part of the accessory, being removable from the holder and being intended for repeated use.
7. A shopping trolley as claimed in claim 6, in which the bags are of a woven flexible textile material.

8. A shopping trolley as claimed in claim 6 or claim 7, in which at least some of the bags are insulated to provide thermally insulated storage chambers.

9. A shopping trolley as claimed in any one of claims 6 to 8 inclusive, in which at least one of the bags has a closure mechanism for openably closing the bags.

10. A shopping trolley as claimed in any one of the preceding claims, in which the undercarriage has a set of four wheels which are arranged in a rectangular configuration in plan view, when the undercarriage is in its erected condition, each roller being freely swivelable about an associated upright swivel axis.

11. A shopping trolley as claimed in any one of the preceding claims, in which the undercarriage comprises a pair of elongate curved legs which are part-circular in shape, a set of wheels being mounted on the pair of legs, each leg being slidably mounted on an associated frame-member such that each leg is slidably displaceable between an extended position in which the leg projects from its associated frame member for engagement of the wheels mounted on that leg with the ground, the leg being arranged more or less end-to-end with the associated frame member, and a retracted position in which the leg is retracted relative to its associated frame member.

12. A shopping trolley as claimed in claim 11, in which each leg is telescopically received in the associated frame member, to be telescopically slidable between its extended position and its retracted position, so that, in the retracted position, each leg is located within the associated frame member, each frame member having a part-circular shape corresponding to the shape of the legs, to permit telescopic sliding of the legs in a circumferential direction.

13. A shopping trolley as claimed in claim 12, in which each leg has mounted thereon a displaceable handle such that, when the leg is in its extended position, the associated handle is located adjacent a rear of the trolley, in its fore-and-aft direction, for gripping by a user, each handle being pivotally displaceable relative to the associated frame member about a pivot axis which extends transversely to the fore-and-aft direction of the trolley in its erected condition, so that, when the leg is in its retracted position, the

handle is pivotally displaceable about its pivot axis towards the associated frame member to lie adjacent the frame member.

14. A shopping trolley as claimed in any one of claims 12 or claim 13 inclusive, in which each leg has mounted thereon a pair of wheels spaced along the length of the leg, each wheel being spaced from the associated leg by an elongate foot which is pivotally connected at one end thereof to the leg for pivotal displacement about a pivot axis which extends transversely to the fore-and-aft direction of the shopping trolley, the associated wheel being provided at the opposite end of the foot, each foot being pivotally displaceable between a stowed position in which it lies adjacent the associated leg, and an operative position in which it projects transversely from the associated leg, so that the associated wheel is spaced from said leg by the length of the foot for engagement with the ground.

15. A shopping trolley as claimed in any one of claims 12 to 14 inclusive, in which each part-circular leg and its associated part-circular frame member, in the erected condition of the undercarriage, lie in a more or less vertical plane and define a gap between their ends at a front of the trolley in the fore-and-aft direction of the shopping trolley, said gap being sufficiently large to straddle a rear portion of an open boot of a passenger sedan when the shopping trolley is wheeled towards the boot of the vehicle, in use, so that part of the legs is receivable in a space between the ground and the rear of the vehicle, the frame members engaging the rear of the vehicle, to rest thereon.

16. A shopping trolley as claimed in any one of claims 11 to 15 inclusive, which includes an auxiliary holder for holding articles of shopping, the auxiliary holder being removably and replaceably connectable to the legs to extend between the legs when they are in their extended positions, the auxiliary holder additionally serving as a strengthening cross-member between the legs to enhance lateral stability of the undercarriage.

17. A shopping trolley as claimed in any one of claims 11 to 16 inclusive, in which the pair of frame members are displaceable relative to each other between an operative condition in which the frame members lie in parallel planes which are laterally spaced apart in a direction transverse to the fore-and-aft direction of the shopping trolley a sufficient distance to permit temporary storage of articles of shopping in a space defined between

the frame members, and a fully collapsed condition in which the frame members lie more or less flat against each other.

18. A shopping trolley as claimed in any one of claims 11 to 17 inclusive, which includes a pair of auxiliary wheels which are respectively mounted on the frame members adjacent ends of the frame members in the fore-and-aft direction of the trolley, such that the auxiliary wheels are engageable with the ground when the extendable legs are in their retracted positions and an end of the trolley opposite the auxiliary wheels is gripped by a user, to permit wheelbarrow-fashion operation of the trolley.

N 19. A vehicle which includes a body defining a boot, the boot having a securing arrangement specifically for securing a collapsible shopping trolley as claimed in any one of claims 1 to 18 inclusive in a stable condition in the boot during normal operation of the vehicle, while the undercarriage of the shopping trolley is in its collapsed condition, the securing arrangement being for securing the shopping trolley such that the holder of the shopping trolley has an orientation relative to the vertical similar to its orientation when the undercarriage of the shopping trolley is in its erected condition and supports the holder on the ground.

? is it trolley?
N 20. A vehicle as claimed in claim 19, in which the securing arrangement includes a depression in a floor of the boot for receiving the shopping trolley with its undercarriage in its collapsed condition, the depression being complementary in outline to a bottom of the shopping trolley in its collapsed condition.

21. A vehicle assembly which includes:
a shopping trolley as claimed in any one of claims 1 to 18 inclusive; and
a vehicle as claimed in claim 19 or claim 20, the shopping trolley being supported with its undercarriage in its collapsed condition on a floor of the boot of the vehicle and being secured in a stable condition by the securing arrangement provided by the vehicle.

22. A shopping trolley as claimed in claim 1, substantially as herein described and illustrated.

23. A vehicle as claimed in claim 19, substantially as herein described and illustrated.

24. A vehicle assembly as claimed in claim 21, substantially as herein described and illustrated.